

PORTABLE POWER MODULES AND RELATED SYSTEMS

ABSTRACT OF THE DISCLOSURE

A portable power module trailerable over public roads and capable of providing at least approximately one megawatt of electrical power. In one embodiment, the portable power module includes a gaseous fuel motor drivably connected to an electrical generator. The motor includes a combustion chamber and a coolant jacket positioned adjacent to the combustion chamber. A radiator is connected in flow communication with the coolant jacket and an exhaust gas silencer is connected in flow communication with the combustion chamber. In one aspect of this embodiment, the portable power module further includes a container in which the motor, the generator, the radiator, and the exhaust gas silencer are installed when the portable power module is in a normal operating configuration. In one embodiment, the container has the dimensions of a standard shipping container, such as a standard 40-foot ISO shipping container.